

1. (PRESENTLY AMENDED) A health care provider information system comprising:

means for defining a patient population;

means for generating patient interview data including at least one or more of patient history information and patient symptom information;

means for generating patient encounter information including one or more of symptom information, treatment information, prescription information and diagnosis information;

means for combining and compressing patient interview data into a health summary record comprising standardized codes indicating at least one or more of patient symptoms, patient treatments, and patient condition; and

means for generating customized medical reports from the health summary record for one or more of a patient, an attending physician, and an insurance provider ~~medical reports for each patient using patient interview data and patient encounter data.~~

2. (PRESENTLY AMENDED) The health care provider information system of claim 1, further comprising:

means for assigning a health risk score to each patient based upon the health summary record ~~generated medical report.~~

3. (PRESENTLY AMENDED) The health care provider information system of claim 2, further comprising:

means for analyzing patient ~~health summary records~~ ~~medical reports~~ and assigning a patient to a disease management track, ~~and indicating the disease management track on based upon patient the customized medical reports report generated for an attending physician.~~

4. (PRESENTLY AMENDED) The health care provider information system of claim 3, wherein said disease management track comprises a medication recommendation program for ~~the an attending physician and the customized medical report generated for the attending physician includes the medical recommendation program.~~

5. (PRESENTLY AMENDED) The health care provider information system of claim 4, wherein said disease management track comprises a treatment recommendation program for an attending physician ~~and the customized medical report generated for the attending physician includes the treatment recommendation program.~~

6. (PRESENTLY AMENDED) The health care provider information system of claim 5, wherein said disease management track comprises an education program for a patient ~~and the customized medical report comprises a customized medical report generated for a patient, including the education program.~~

7. (CANCELLED)

8. (PRESENTLY AMENDED) The health care provider information system of claim 17, wherein said ~~customized medical~~patient reports include medication non-compliance reports generated from patient medication data and prescription claim data to indicate whether a patient has purchased a prescribed medication.

9. (PRESENTLY AMENDED) The health care provider information system of claim 71, wherein said ~~customized medical~~patient ~~medical~~ reports comprise:

patient temporary condition reports, indicating temporary medical conditions of a patient; and
patient permanent condition reports, indicating permanent conditions of a patient.

10. (CANCELLED)

11. (PRESENTLY AMENDED) The health care provider information system of claim 71, wherein said ~~customized medical reports~~patient ~~medical~~ reports include doctor reports summarizing patient medical history and medical condition.

12. (PRESENTLY AMENDED) The health care provider information system of claim 71, wherein said ~~customized medical reports~~patient ~~medical~~ reports include medical provider reports summarizing patient medical claim history and medical claim status.

13. (PRESENTLY AMENDED) The health care provider information system of claim 1, further comprising:

means for downloading ~~customized medical reports~~patient medical reports to a personal digital assistant;

means for uploading patient data entered by a physician into a personal digital assistant from the personal digital assistant; and

means for integrating such data into ~~health summary records~~patient medical reports.

14. (PRESENTLY AMENDED) A method of providing health care information comprising the steps of:

defining a patient population;

generating patient interview data including at least one or more of patient history information and patient symptom information;

generating patient encounter information including one or more of symptom information, treatment information, prescription information and diagnosis information;

combining and compressing patient interview data into a health summary record comprising standardized codes indicating at least one or more of patient symptoms, patient treatments, and patient condition, and

generating customized medical reports from the health summary record for one or more of a patient, an attending physician, and an insurance provider ~~medical reports for each patient using patient~~

~~interview data and patient encounter data.~~

15. (PRESENTLY AMENDED) The method of providing health care information of claim 14, further comprising the steps of:

assigning a health risk score to each patient based upon the ~~health summary record~~generated medical report.

16. (PRESENTLY AMENDED) The method of providing health care information of claim 15, further comprising the steps of:

analyzing patient ~~health summary records~~medical reports and assigning a patient to a disease management track, ~~and indicating the disease management track on based upon patient the customized medical reports report generated for an attending physician.~~

17. (PRESENTLY AMENDED) The method of providing health care information of claim 16, wherein said disease management track comprises a medication recommendation program for ~~the an attending physician and the customized medical report generated for the attending physician includes the medical recommendation program.~~

18. (PRESENTLY AMENDED) The method of providing health care information of claim 17, wherein said disease management track comprises a treatment recommendation program for an attending physician ~~and the customized medical report generated for the attending physician includes the treatment~~

recommendation program.

19. (PRESENTLY AMENDED) The method of providing health care information of claim 18, wherein said disease management track comprises an education program for a patient and the customized medical report comprises a customized medical report generated for a patient, including the education program.

20. (CANCELLED)

21. (PRESENTLY AMENDED) The method of providing health care information of claim 1420, wherein said customized medical~~patient~~ reports include medication non-compliance reports generated from patient medication data and prescription claim data to indicate whether a patient has purchased a prescribed medication.

22. (PRESENTLY AMENDED) The method of providing health care information of claim 2014, wherein said customized medical~~patient medical~~ reports comprise:

patient temporary condition reports, indicating temporary medical conditions of a patient; and
patient permanent condition reports, indicating permanent conditions of a patient.

23. (CANCELLED)

24. (PRESENTLY AMENDED) The method of providing health care information of claim 2014, wherein said ~~customized medical reports~~~~patient medical reports~~ include doctor reports summarizing patient medical history and medical condition.

25. (PRESENTLY AMENDED) The method of providing health care information of claim 2014, wherein said ~~customized medical reports~~~~patient medical reports~~ include medical provider reports summarizing patient medical claim history and medical claim status.

26. (PRESENTLY AMENDED) The method of providing health care information of claim 14, further comprising the steps of:

downloading ~~customized medical reports~~~~patient medical reports~~ to a personal digital assistant;

uploading patient data entered by a physician into a personal digital assistant from the personal digital assistant, and

integrating such data into ~~health summary records~~~~patient medical reports~~.